

ttbar		Ztautau		WW		MET fakes		EM fakes		Tot B	Tot B'	S/B	S'/B'	Fom	Fom'
S	S'	B1	B1'	B2	B2'	B3	B3'	B4	B4'						
(i) Nominal Topological Cut (Before Sphericity)															
2.24	1.12	0.31	0.009	0.19	0.003	0.79	0.023	0.10	0.003	1.39	0.039	1.61	28.94	0.85	0.96
(ii) Loosening MET Cut (Low Mass Bin: 40->25GeV; High Mass Bin: 35->20 GeV; Z-window: infinity->40 GeV)															
3.08	1.54	0.56	0.016	0.28	0.005	7.72	0.224	0.22	0.007	8.78	0.252	0.35	6.10	1.12	0.87
(iii) Removing Likelihood Cut From Both electrons															
3.16	1.58	0.43	0.012	0.28	0.005	1.79	0.052	2.32	0.077	5.14	0.146	0.65	10.80	0.90	0.83
(iv) Both (ii) and (iii)															
4.36	2.18	0.89	0.026	0.40	0.007	15.4	0.446	8.56	0.282	25.2	0.761	0.17	2.86	1.25	0.79
(V) Removing Likelihood and trackmatch from both electrons															
4.30	2.15	0.56	0.016	0.36	0.006	142	4.13	268	8.87	412	13.03	0.01	0.16	4.75	1.81
(VI) 1 Tight (up to lhood) – 1 Medium (emf,iso,hmx7) electron															
3.6	1.8	0.57	0.016	0.31	0.006	3.47	0.10	33.7	1.11	38.0	1.23	0.09	1.46	1.97	0.97
(VII) For >=1 Jet : Nominal Topological Cut (Before Sphericity)															
3.07	1.54	1.14	0.033	0.63	0.011	1.54	0.044	0.32	0.011	3.63	0.1	0.85	15.4	0.84	0.83
(VIII) For >=1 Jet : Removing Likelihood Cut From Both electrons															
4.38	2.19	1.54	0.044	0.88	0.016	3.22	0.093	7.03	0.23	12.7	0.39	0.34	5.7	0.94	0.73
(IX) For >=1 Jet : Loosening MET cut to 25,20,40															
4.24	2.12	3.24	0.094	0.94	0.017	16.6	0.48	0.86	0.028	21.6	0.62	0.19	3.41	1.20	0.78
(X) For >=1 Jet : Removing Likelihood Cut From Both electrons and Relax MET cut to 25,20,40															
6.05	3.02	4.7	0.135	1.29	0.02	30.6	0.89	28.8	0.95	65.4	2.00	0.09	1.51	1.40	0.74

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